

Amendments to the Claims

1. (currently amended) A peptide having a molecular weight of less than about 8000 daltons, and comprising a sequence of amino acids selected from the group consisting of (SEQ ID NOs 6-13, respectively): G G C A D G P T L R E W I S F C G G; G N A D G P T L R Q W L E G R R P K N; G G C A D G P T L R E W I S F C G G K; T I K G P T L R Q W L K S R E H T S; S I E G P T L R E W L T S R T P H S; L A I E G P T L R Q W L H G N G R D T; C A D G P T L R E W I S F C; and I E G P T L R Q W L A A R A

(SEQ ID NO:2): ~~X₁ X₂ X₃ X₄ X₅ X₆ X₇~~

~~where X₁ is C, L, M, P, Q, V; X₂ is F, K, L, N, Q, R, S, T or V; X₃ is C, F, I, L, M, R, S, V or W; X₄ is any of the 20 genetically encoded L-amino acids; X₅ is A, D, E, G, K, M, Q, R, S, T, V or Y; X₆ is C, F, G, L, M, S, V, W or Y; and X₇ is C, G, I, K, L, M, N, R or V;~~

and having a detectable label covalently attached to said peptide.

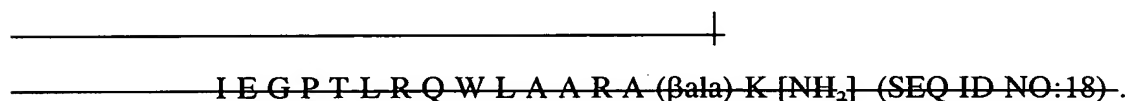
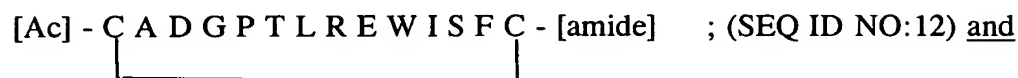
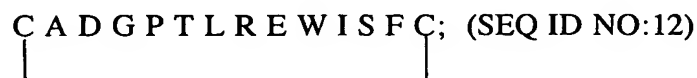
2. (canceled)

3. (original) A peptide according to claim 1 wherein said detectable label is selected from the group consisting of radioisotopes, enzymes and fluorescent labels.

4. - 14. (Canceled)

15. (currently amended) A peptide ~~according to claim 14, wherein said~~ consisting of an amino acid sequence is selected from the group consisting of (SEQ ID NOs 6-13, respectively): G G C A D G P T L R E W I S F C G G; G N A D G P T L R Q W L E G R R P K N; G G C A D G P T L R E W I S F C G G K; T I K G P T L R Q W L K S R E H T S; S I E G P T L R E W L T S R T P H S; L A I E G P T L R Q W L H G N G R D T; C A D G P T L R E W I S F C; and I E G P T L R Q W L A A R A , and having a detectable label covalently attached to said peptide .

16. (currently amended) A compound having a detectable label covalently attached thereto, said compound selected from the group consisting of



17. (original) A compound according to claim 16 wherein said detectable label is selected from the group consisting of radioisotopes, enzymes and fluorescent labels.

18. (currently amended) A compound according to claim 16, wherein said label is attached to said peptide using a spacer.

19. (previously presented) A compound comprising the sequence of amino acids: IEGPTLRQWL (SEQ ID NO:5).

20. (previously presented) A compound that is a dimer of two sequences, each sequence comprising IEGPTLRQWL (SEQ ID NO:5)

21. -26 (canceled)

27. (previously presented) A compound that is a dimer of two sequences, each sequence comprising IEGPTLRQWLAARA (SEQ ID NO:17).